Multi-element standards

In addition to the compound standards listed, we have a range of alloy standards with specific compositions. These include steels, stainless steels, non-ferrous alloys and glasses. They can be supplied as single standards or incorporated into multi-standard blocks. Certificates of analysis are traceable to European, American or British standards.

Metal standards
British chemical standards

BCS/CRM No. 355	Tin ore, Sn 31.42 %
BCS/CRM No. 355	Sn 31.42 %
BCS/SS CRM No. 470	Ferritic stainless steel
BCS/SS CRM No. 464/1	Austenitic stainless steel
BCS/SS CRM No. 474	Stainless steel
BCS/SS No. 461	Austenitic stainless steel
BCS/SS No. 464	Austenitic stainless steel
BCS/SS No. 465	Austenitic stainless steel
BCS/SS No. 466	Austenitic stainless steel
BCS/SS No. 495/1	13 % Manganese steel
BCS 204/4	High carbon Fe-Cr
BCS 332/SS No. 62	Austenitic stainless steel
BCS 333/SS No. 63	Austenitic stainless steel
BCS 342/SS No. 72	Ferritic stainless steel
BCS No. 179/2	High tensile brass
BCS No. 238/2	0.2 % Carbon steel
BS 153	AISI Grade 430F stainless steel
BS 154	Stainless steel 430FR (high silicon)
MBH - 111X12670	Cr 19.31 %, W 10.1 %
MBH - 11X0331.2 (batch H)	Corr-R cast iron (chill cast)
MBH - 11XS1CR1 (batch J)	Corrosion resistant cast iron
MBH - 13M BS 186A	High alloy stainless steel
MBH - 13M BS 89E	AISI stainless steel
MBH - 13M BS 91E	AISI stainless steel
MBH - 13X18001	Austenitic stainless steel
MBH - 14M BS 190	High manganese stainless steel
MBH - 14XHS1	High speed steel
MBH - 210X11775 (batch F)	Ni/Co/Cr/Al/Ti cast
MBH - 27 X 14386	Ni/Cr/Co/Mo cast
MBH - 31XWSB1 (batch B)	Silicon brass cast
MBH - 37M BS 314B	Copper alloy
MBH - 37M BS 360A	Copper alloy
MBH - 37M BS 630	Copper alloy
MBH - 43XZ2	Zinc/aluminium/copper cast
MBH - 54XG251H4	
MBH - 55xG02D6	Aluminium/silicon/copper
MBH - 55XG26H5	Aluminium/silicon/copper
MBH - 55XG900J5	Aluminium/silicon/copper
MBH - 55XG900J5	Aluminium/silicon/copper
MBH - 58XG40H9	Aluminium/zinc
MBH - 59XG77 J1 (batch D)	Al/Zn/Mg/Cu/cast
MBH - 65XMGA3	Magnesium/aluminium/zinc
MBH - 65XMGA5	Magnesium/aluminium/zinc
MBH - 81X Pb/Sb	Sb 12.6 %, Pb 87.4 %
MBH - C101P6790	Titanium alloy
MBH - C13X170020	Austenitic stainless steel
MBH - C22X755	Nimonic type alloy
MBH - C31XB40 (batch A)	Brass chippings
MBH - C31XB60 (batch H)	Brass chippings
MBH - C31XB80 (batch H)	Brass chippings
MBH - C55XG02D60	Aluminium/silicon/copper
MBH - C55XG04H60	Aluminium/silicon/copper
MBH - C55XG04H80	Aluminium/silicon/copper
MBH - C55XG26H50	Aluminium/silicon/copper
MBH - MGA1	Magnesium/aluminium/zinc

Multi-element standards

Standard reference materials

SRM 101g	Cr 18 %, Ni 10 %
SRM 1134	High silicon steel
SRM 1159, 1160	Ni 80 %, Mo 4 %, Fe 14 %
SRM 121d	Cr 17 %, Ni 11 %, Ti 0.3 %
SRM 1276a	Cupro-nickel
SRM 12H	Basic open hearth steel, 0.4 % carbon
SRM 132b	Tool steel
SRM 13g	0.6 % Carbon steel
SRM 160b	Cr 18 %, Ni 12 %, Mo 2 %
SRM 179	High silicon steel
SRM 1872	Set of three glasses (K-453, K-491, K-968)
SRM 343a	Cr 16 %, Ni 2 %
SRM 348a	High temp alloy A286
SRM 361	Steel
SRM 362	AISI 94B17 Steel (modified)
SRM 478	Cu 73 %, Zn 27 %
SRM 480	W 20 %, Molybdenum alloy
SRM 481	Au/Ag set of six
SRM 482	Au/Cu set of six
SRM 661	AISI 4340 Steel
SRM 663	Chromium - vanadium steel (modified)
SRM 665	Electrolytic steel
SRM 710	Soda-lime-silica glass
SRM 73c	Stainless steel, Cr 13 %
SRM 872	Phosphor bronze
SRM C1287	High alloy steel
SRM C2400	High alloy steel

Others

10A Bronze ref. 0683	Cu 85 %, Sn 5 %, Pb 5 %, Zn 5 %
204JC	Fluorspar (powder)
281-1	Cr 18.7 %, Ni 9.3 %
481-1	Cast iron
AISI 304L	Stainless steel
AISI 316	Stainless steel
Al, Cu, Mg	Dural
Al, Mg, Si	Al 99 %, Mg 0.5 %, Si 0.5 %
Al, Si	Al/Si rod
BL-5	Uranium ore
$CoSi_2$	Co 66 %, Si 16 %, B 12 %, Fe 4 %, Mo 2 %
Mg, Al, Mn, Zn	Magnesium alloy foil
Ni, Al	Ni 59 %, Al 41 %
N50.01	Nickel-based alloy, Cu 24 %, Sn 16 %, Fe 5 %, Mg 3 %
Std. Sample	Chromium - tungsten steel
T212	Si 3.84 %
W Ti	W 95 %, Ti 5 %